B5 D cancel.

signal transmission priority device being connected to the output of a voice signal transmitter, whose input is connected to the output of a decompressor having its input connected to said processor unit.

REMARKS

The Official Action has been very carefully been considered and the Examiner's comments are duly noted. Reconsideration of this Application in the light of the Amendment for the Claims is respectfully solicited.

Claims 1, 3, 5, 7, 9 and 10 have been rewritten as amended claims.

With respect to the references cited by the Examiner, it should be noted that the claims now being presented clearly and patently distinguish from all of the references of record, taken either singularly or combined in any valid combination.

With respect to the objections raised by the Examiner, these were all raised on the basis of obviousness. There is no clear teaching as to how these references teach the Applicant's invention as now defined.

It is the understanding of the applicant that connecting telephone sets with local computer network connecting computers does not modify. In the Russian text "each telephone set is connected, directly through a telephone adapter and a network adapter connected in series thereto, to the local computer network connecting computers" and "each telephone set interface is connected directly to the local computer network connecting computers" have equality sense. Therefore, the claims have been revised to conform to the meaning in the Russian language.

Amended claims include features: interface and each telephone set is provided with an interface. These features match the description of the telephone network according to the general layout diagrams (Fig. 1 and 2) and specification, see page 8 lines 20 and 21, page 22 lines 28-33 and pages 12 and 13.

A number of features were removed or substituted for the sake of clarity and no new search is necessary, and specifically:

"through network adapters" is removed as network adapter is an ordinary network and (see specification page 8 line 4). Use of network adapter is obvious to a person of ordinary skill in the art.

Also, "telephone adapter" is substituted for "interface" according to specification, see page 8 lines 20 and 21:

"with telephone adapters according to the number of telephone sets" is substituted for "each telephone set is provided an interface"

"directly through a telephone adapter and a network adapter connected in series thereto," is substituted for "telephone set interface being connected directly" according to the general layout diagrams (Fig. 1 and 2) and specification, see page 8 lines 20 and 21, page 11 lines 28-33 and pages 12 and 13.

Therefore, claim 1 is submitted as allowable over all of the references of record taken either singly or combined in any valid combination. Claim 9 is also allowable for the same reasons as claim 1.

Turning now to the Examiner's objection to claim 2, this claim is allowable for the reason set forth in connection with the Allowability of claim 1 and further there is no teaching in the combination of references of having some of the computers connected to the

telephone network and provided with multimedia software to allow direct voice telecommunication. The same arguments apply for Allowability to claims 6 and 12.

Regarding claim 3, there is no teaching in Skigin as to how Baratz can be modified to arrive at the features and limitations set forth in claim 3. There must be some motivation or direction set forth in either Baratz or Skigin as to how they could be combined.

If there is some teaching, the Examiner is asked to point this out and to indicate where there is a suggestion for the combination of the teachings. Claims 7 and 10 are allowable for the same reasons.

Regarding claim 4 and the additional features set forth therein as being included in Baratz, since Baratz alone as well as Baratz with a combination of Skigin do not render claim 3 obvious, claim 4 is also patentable over such combination. With respect to claims 8 and 11, these claims also distinguish for the same reasons as set forth in connection with claim 4.

Turning now more specifically to claim 5, this claim as amended now distinguish from the teaching of Baratz above as well as any combination with any of the references of record.

With respect to claim 9, this claim is allowable for the same reasons as claim 1.

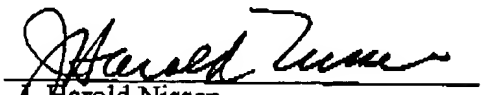
In view of the foregoing, this application is now considered to be in condition for allowance and such action is courteously and respectfully solicited. If there are any points outstanding the Examiner is respectfully asked to call Applicant's attorney in order to do what is necessary to place the Application into condition for allowance.

Early and favorable action is respectfully solicited.

If there are any fees outstanding or any disbursements necessary please charge this to our Deposit Order Account No. 10-0100.

Respectfully submitted,

LACKENBACH SIEGEL, LLP
Attorneys for Applicant(s)

By: 
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Enclosures
Acknowledgement Card
Version to Show Changes with Markings

Serial No. 09/530,937
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VERSION TO SHOW CHANGES WITH MARKINGS

IN THE CLAIMS:

1. (Amended twice) A telephone network for a structured site, essentially of a business office type, comprising a local computer network connecting computers at the transmitting and receiving ends of the system [through network adapters,] and telephone sets connected to said telephone network to provide telephone communication between the parties at the transmitting and receiving ends through said local computer network, wherein it is provided with a computer telephony server connected to the local computer network and to a general telephone network, [with telephone adapters according to the number of telephone sets,] each telephone set is provided with an interface, each telephone set interface being connected[,] directly [through a telephone adapter and a network adapter connected in series thereto,] to the local computer network connecting computers, the [telephone adapter] interface being capable of converting analog/digital signals adapted to the clock frequency of the local

network, user call signals into addresses of other [telephone adapters] interfaces connected to said local computer network, and hang-up signals.

3. (Amended twice) A network as claimed in claim 1, wherein the [telephone adapter] interface has a transmission channel and reception channels, the transmission channel having a signal detector-distributor with an input connected to a telephone set, a first output of said signal detector-distributor being connected to the input of a tone dialing recognition device having its output connected to the input of a recognized number transmission device, which has its output connected [through the network adapter] to the local computer network, a second output of the signal detector-distributor being connected to the input of an analog-to-digital converter having its output connected to the input of a compressor whose output is connected to a processor unit having software to allow exchange of digital data to be effected within the framework of common network protocols, and the reception channel having a voice and tone signal transmission priority device having its output connected to the telephone set and a first input connected to the output of a call signal dialer, whose

input is connected to a call number data converter having its input connected to the local computer network [through said network adapter], a second input of the voice and tone signal transmission priority device being connected to the output of a voice signal transmitter, whose input is connected to the output of a decompressor having its input connected to said processor unit.

5. (Amended twice) A system to maintain telephone communication between remote structured sites, comprising, at a first site, an internal telephone network including a local computer network to connect computers at the transmitting and receiving ends of the system [through network adapters], a computer telephony server connected to the local computer network of said site and to the general telephone network, and telephone sets to provide telephone communication between parties at the transmitting and receiving ends through said local computer network, each telephone set is provided with an interface, [and with telephone adapters according to the number of telephone. sets,] each telephone set interface being directly connected[, through a telephone adapter, and the network

adapter connected in series thereto,] to the local computer network, the interface [telephone adapter] being capable of converting analog/digital signals adapted to the clock frequency of the local network, user call signals into the addresses of other interfaces [telephone adapters] connected to said local computer network, and hang-up signals, each successive site having an internal telephone network duplicating the internal telephone network of the first site, the local computer network of each site being provided with a router connected thereto and to a router of the local computer network of at least one other site through a communication channel of the computer networks of the remote structured sites.

7. (Amended twice) A system as claimed in claim 5, wherein the interface [telephone adapter] has a transmission channel and at least one reception channel, the transmission channel having a signal detector-distributor connected to the input of the telephone set and a first output connected to the input of a tone dialing recognition device, whose output is connected to the input of a recognized number transmission device having its output connected [through the network adapter] to the local computer

network, a second output of the signal detector-distributor being connected to the input of an analog-to-digital converter having its output connected to the input of a compressor whose output is connected to a processor unit provided with software to allow exchange of digital data to be effected within the framework of common network protocols, and one of the reception channels having a voice and tone signal transmission priority device having its output connected to the telephone set and a first input connected to the output of a call signal dialer, which has its input connected to a call number data converter having its input connected [through said network adapter] to the local computer network, a second input of the voice and tone signal transmission priority device being connected to the output of a voice signal transmitter having its input connected to the output of a digital-to-analog converter having its input connected to the output of a decompressor, whose output is connected to said processor unit.

9. (Amended) A telephone network for a structured site, essentially of a business office type, comprising a local computer network connecting computers at the transmitting and receiving ends of the system [through

network adapters], and telephone sets to provide telephone communication between the parties at the transmitting and receiving ends through said local computer network, each said telephone set being provided with an interface [including telephone adapters according to the number of telephone sets], each telephone set interface being connected[,] directly [through a telephone adapter and a network adapter connected in series thereto,] to the local computer network, the interface [telephone adapter] being capable of converting analog/digital signals adapted to the clock frequency of the local network, user call signals into addresses of other [telephone adapters] interface connected to said local computer network, and hang-up signals.

10. (Amended) A network as claimed in claim 9, wherein the interface [telephone adapter] has a transmission channel and at least one reception channel, the transmission channel having a signal detector-distributor with an input connected to a telephone set, a first output of said signal detector-distributor being connected to the input of a tone dialing recognition device having its output connected to the input of a recognized

number transmission device, which has its output connected [through the network adapter] to the local computer network, a second output of the signal detector-distributor being connected to the input of an analog-to-digital converter having its output connected to the input of a compressor whose output is connected to a processor unit having software to allow exchange of digital data to be effected within the framework of common network protocols, and at least one reception channel having a voice and tone signal transmission priority device having its output connected to the telephone set and a first input connected to the output of a call signal dialer, whose input is connected to a call number data converter having its input connected to the local computer network [through said network adapter], a second input of the voice and tone signal transmission priority device being connected to the output of a voice signal transmitter, whose input is connected to the output of a decompressor having its input connected to said processor unit.